

The diagram illustrates an experimental setup for studying the effect of an electric field on a plant root. A plant root system is shown, with the root tip (10) positioned between two cylindrical electrodes. The upper electrode (22) is connected to the positive terminal (+) of a battery (B), and the lower electrode (20) is connected to the negative terminal (-). The root tip (10) is shown with a bulbous swelling (12) and a root cap (14). The root is also shown with a root cap (16) and a root tip (18). The root is labeled with 12, 14, 16, 18, and 20. The electrodes are labeled with 22 and 20. The battery is labeled with B, +, -, and 32. The connection wires are labeled with 24 and 26. The root tip is labeled with 10. The root cap is labeled with 12 and 14. The root tip is labeled with 16 and 18. The root is labeled with 30.

Figure 1

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86802T-25890260

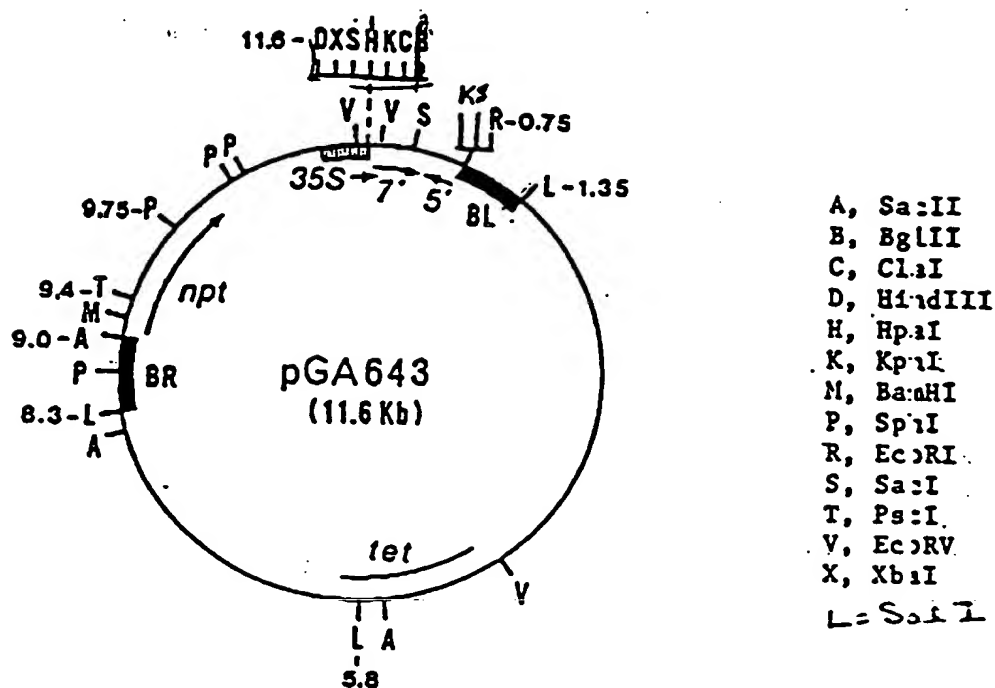


Figure 2

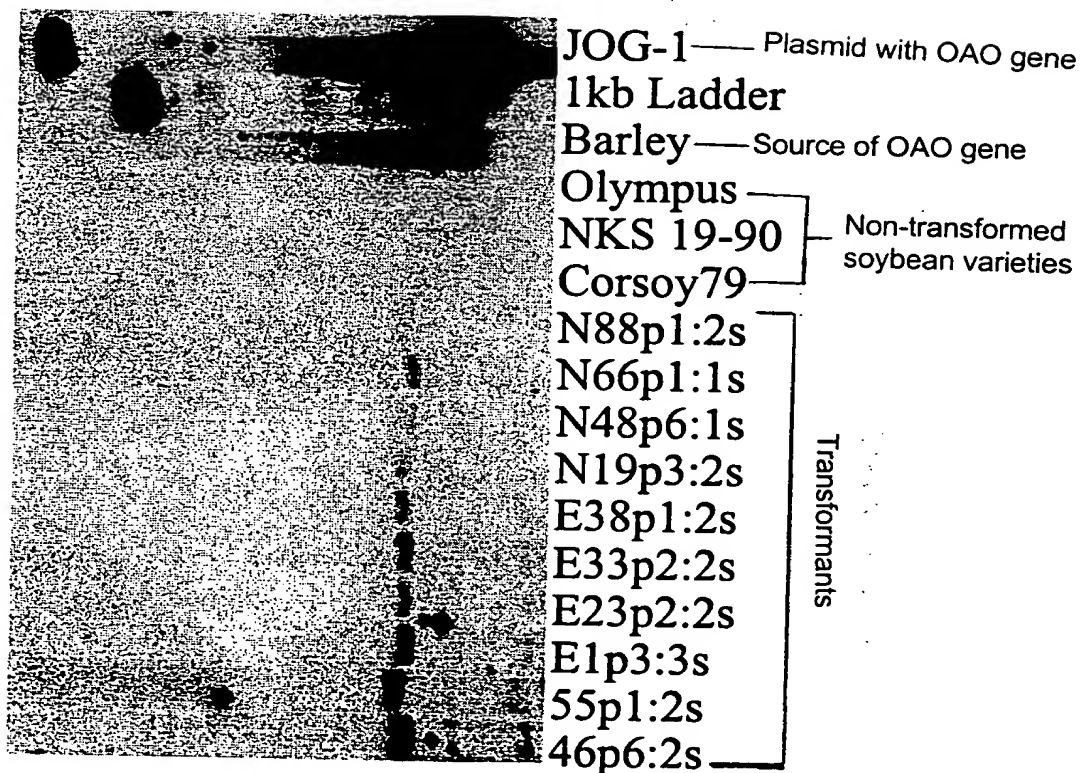


Figure 4

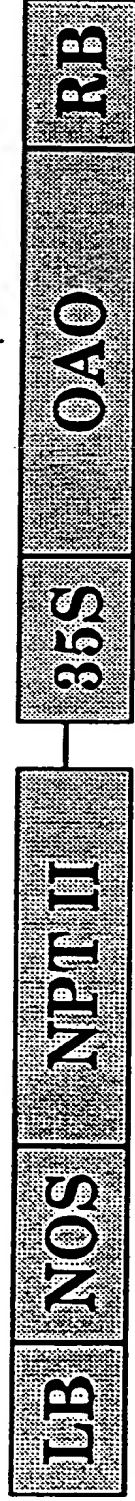


Figure 3

Oxidase Assay of Corsoy 79 T2 progeny

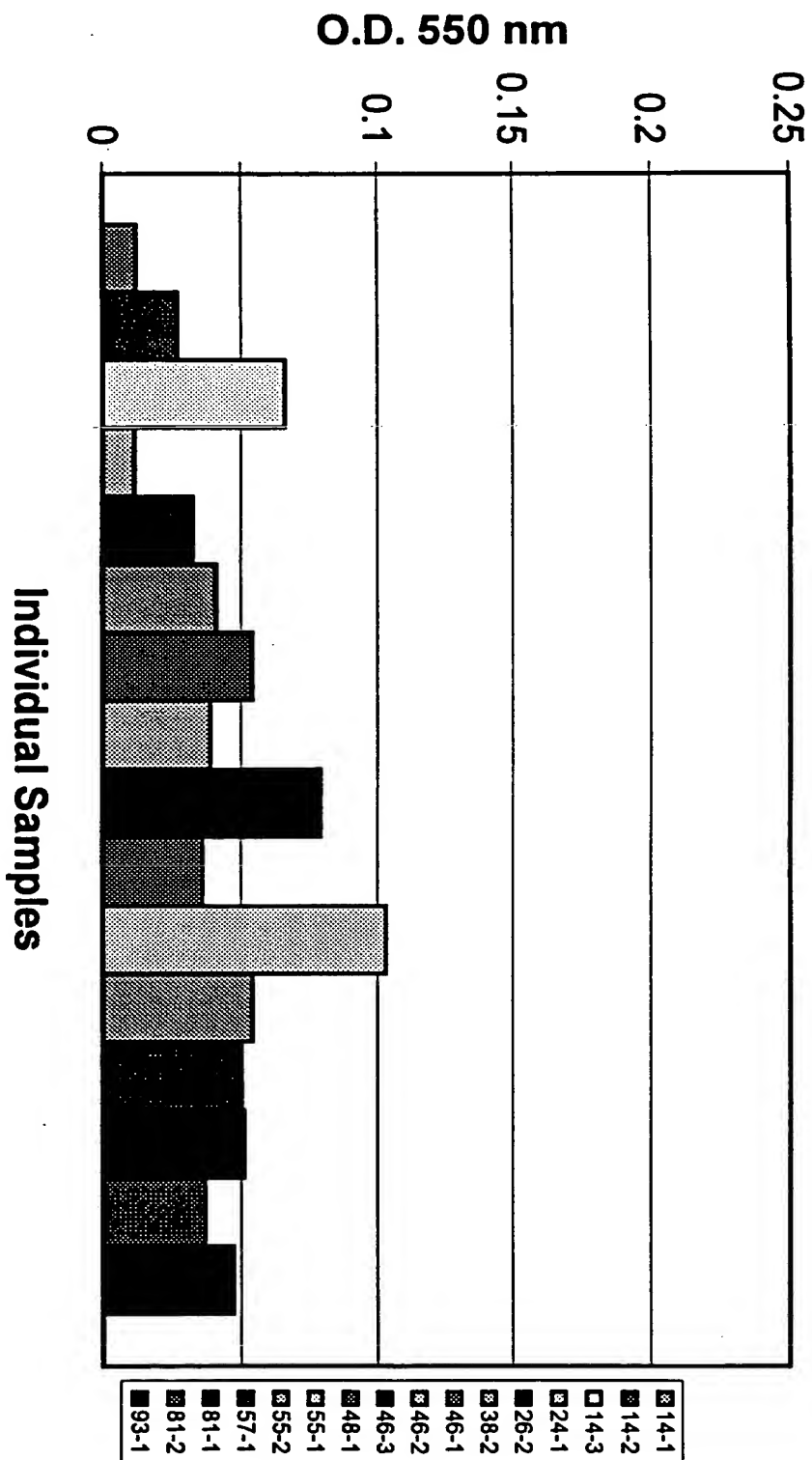


Figure 5

Oxidase assay of Olympus T2 progeny

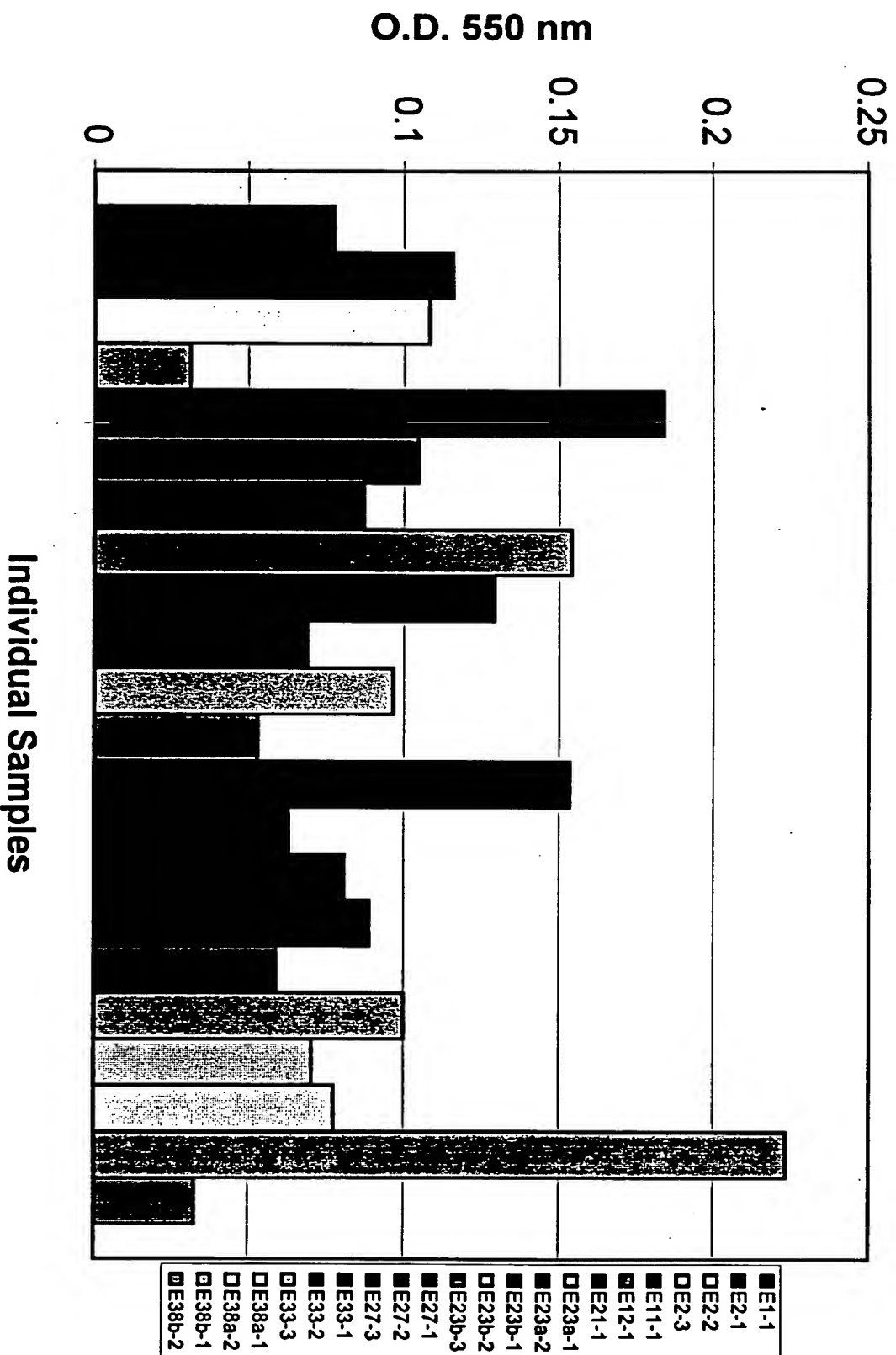


Figure 6

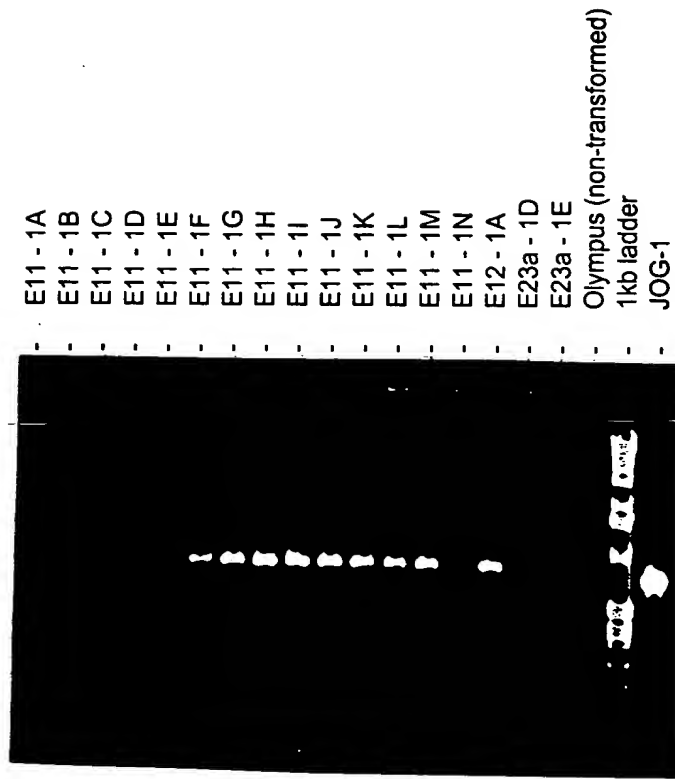


Figure 7

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npt II ELISA Results

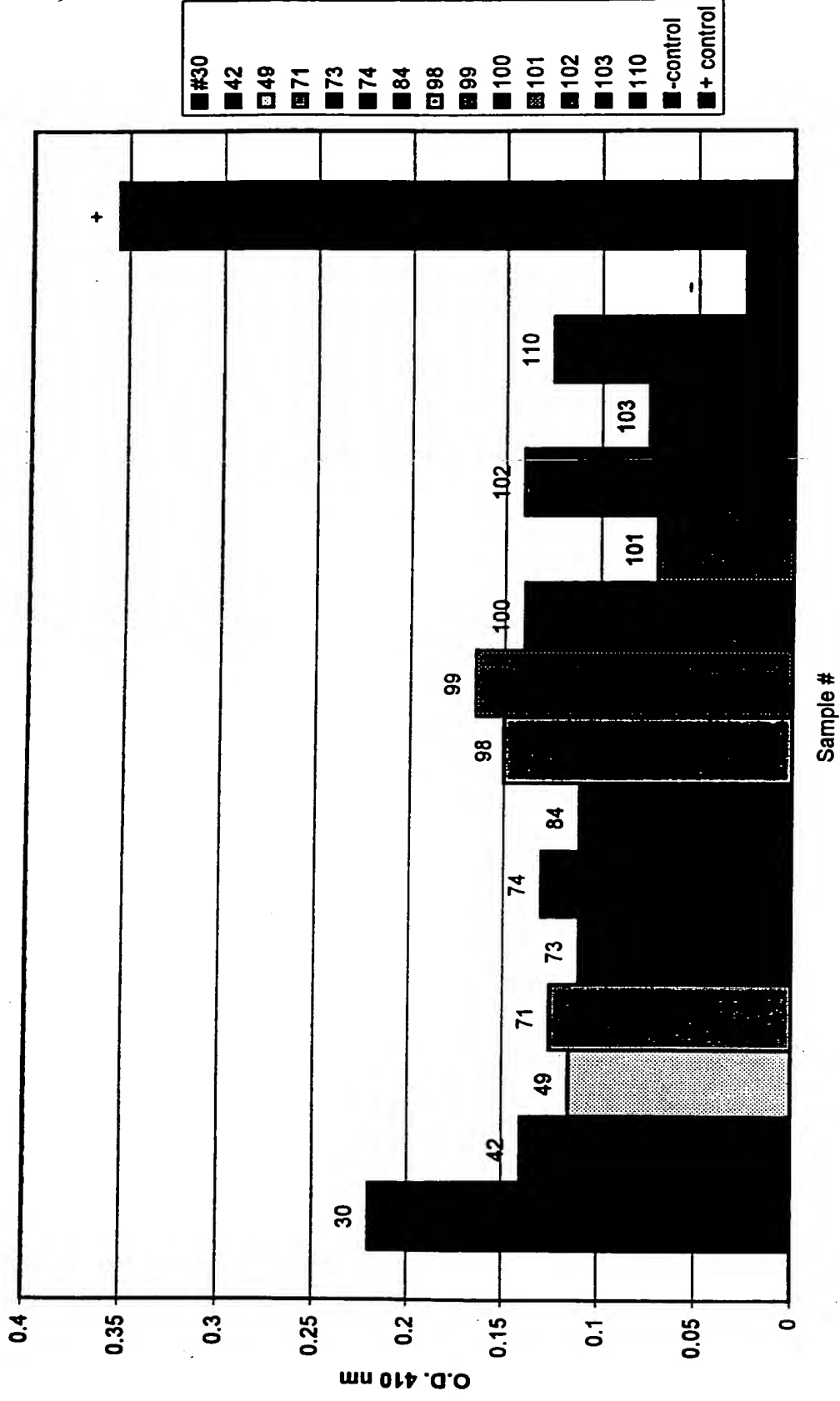


Figure 8

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npt II ELISA Results

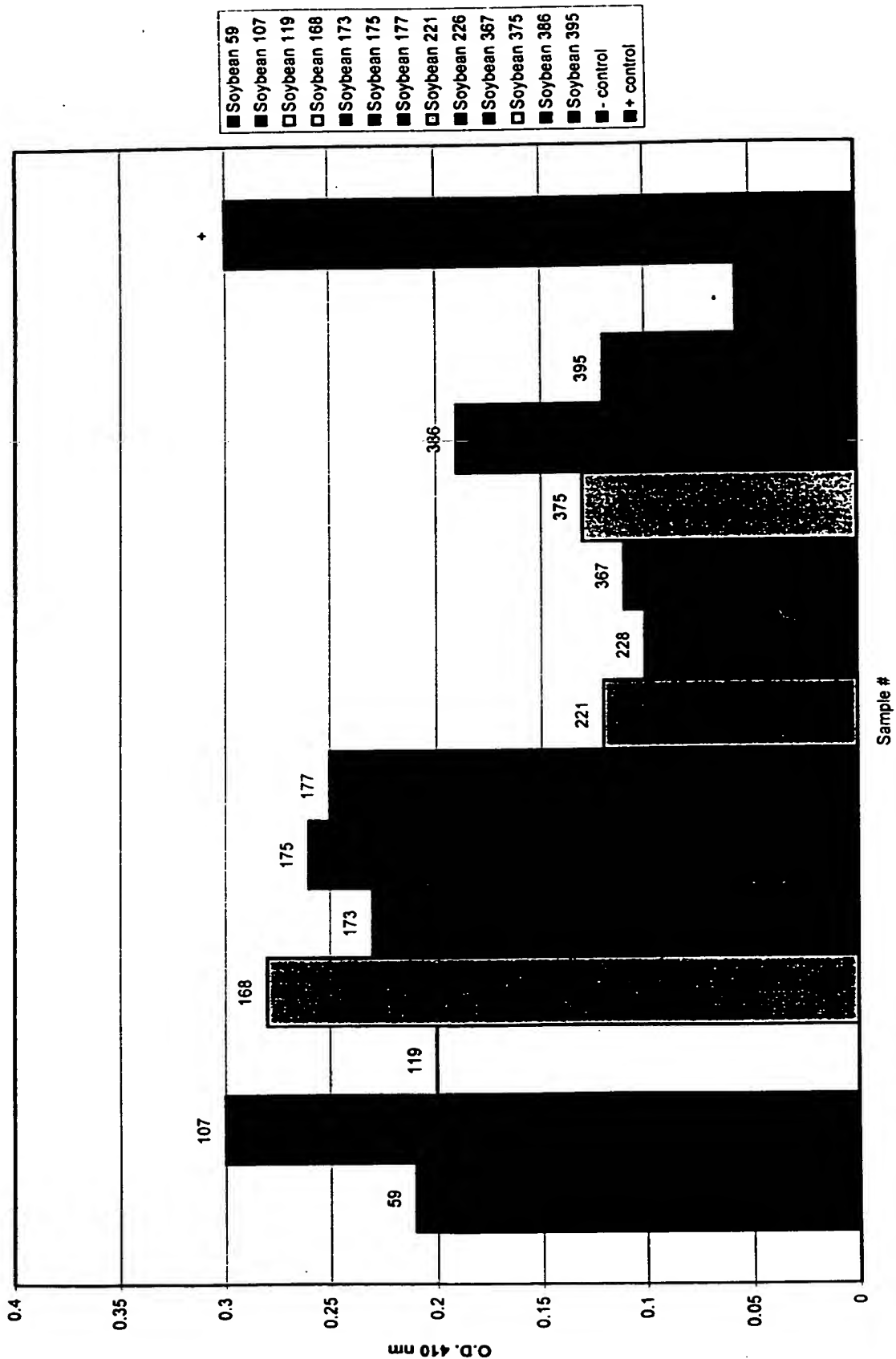


Figure 9

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PCR amplification of npt II from dry bean

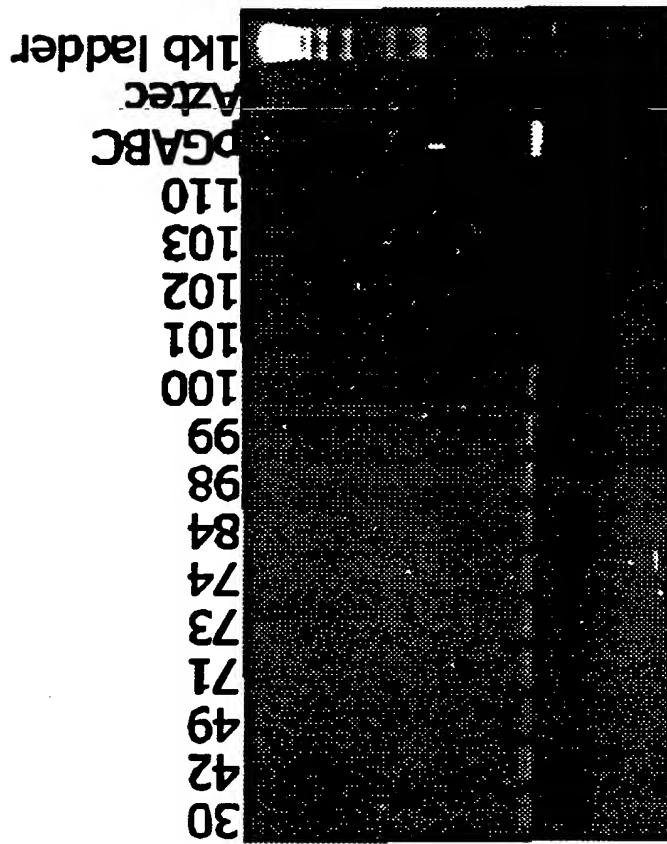


Figure 10